

PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON

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ORDINARY MEETING

WEDNESDAY, 4TH FEBRUARY, 1953, at 5.30 p.m.

AGENDA

1. Confirmation of the Proceedings of the Ordinary Meeting held on 3rd December, 1952, and of the Annual Meeting held on 21st January, 1953.
2. Announcement of Vice-Presidents for 1953.
3. Recommendations of candidates for Fellowship.
4. Announcement of election of new Fellows.
5. Additions to the Library. [See page 3.]
6. Admission of Fellows.
7. Exhibits.

Fellows are particularly requested to bring suitable exhibits to the Meeting even though it may not be possible to announce their intention to do so beforehand.

Note.—To avoid congestion in the Library and to enable exhibits to be displayed to greater advantage, a table has been placed in the meeting-room for this purpose. Fellows are asked to place their exhibits on this table, with a suitable explanatory note, as soon as possible on the afternoon of the meeting, so that they are available for inspection there before the meeting opens.

8. Communications.

Dr. O. W. Richards.

A Visit to the Rukwa Valley, S.W. Tanganyika.

[ABSTRACT.]

During the summer of 1952, a visit was made to the International Red Locust Control Centre at Abercorn, N. Rhodesia, and to the outbreak area of the Red Locust in the Rukwa Valley. The primary purpose of the visit was to examine the methods available for estimating the numbers of adult locusts. This can be done either by using counts of locusts flushed per hundred paces (the standard method) or by marking and releasing locusts and finding the proportion of marked ones on the following days. Under favourable circumstances the two estimates may agree closely. Knowledge of the number of locusts present can have an important bearing both on control operations and on the theory of locust outbreaks. Some account will also be given of the general character of the Rukwa Valley and of the plants and animals which live there.

TEA will be served in the Library before the meeting.

Serial Publications in the Library of the Royal Entomological Society of London.

A list of the serial publications in the Society's Library, with the titles abbreviated in accordance with the *World List of Scientific Periodicals*, has now been prepared. Copies may be obtained in the Society's office, price (to Fellows) 3s. 9d.

PROCEEDINGS OF THE ANNUAL MEETING HELD ON 21ST JANUARY, 1953.

Mr. N. D. RILEY, C.B.E., President, in the Chair.

Present, 90 Fellows and 11 Visitors.

The Secretary read the names of the Officers and Council for 1953, and the President declared them duly elected in accordance with the Bye-Laws.

Mr. P. J. Burton, Mr. Jeremy Roffey, Mr. Stanley Shaw and Mr. D. S. Smith signed the Obligation Book and were admitted Fellows of the Society.

The Secretary read the Report of the Council, which was adopted on the proposal of Mr. R. B. Benson, seconded by Mr. G. S. Kloet.

The Treasurer read his Annual Report, and this, with the accounts for the year ending 31st December, 1952, was adopted on the motion of Mr. G. J. Kerrich, seconded by Professor W. A. F. Balfour-Browne.

The President then read his Address, after which a vote of thanks to him on the completion of two years of office, and to the Treasurer, Secretary and Editor for their services throughout the year, was moved by Dr. T. H. C. Taylor. In seconding this motion, which was carried unanimously, Dr. B. M. Hobby expressed the hope that the President would permit his Address to be published in the *Proceedings*. Dr. Hickin acknowledged the vote of thanks to the Officers. The President granted Dr. Hobby's request.

Mr. W. D. Hincks, on behalf of Fellows of the Society, presented the President with a silver coffee set and a cheque towards the cost of a ciné-camera, in recognition of his long service as an Officer of the Society. Mr. Riley expressed his great pleasure in accepting this token of the Society's gratitude and good wishes.

The meeting concluded with an informal conversazione at which Fellows were the guests of the President and Mrs. Riley.

E. B. BRITTON, *Honorary Secretary*.

The next meeting will be held on 4th March, at 5.30 p.m.

ADDITIONS TO THE LIBRARY.

Presented.

Given, B. B., and Hay, J. M. A revision of the Melolonthinae of New Zealand. *Bull. Dep. Sci. Industr. Res. N.Z.* **102**: pp. 172, 1952. [London School of Hygiene and Tropical Medicine, through Mr. H. S. Leeson.]

Ratcliffe, F. N., Gay, F. J., and Greaves, T. *Australian termites. The biology, recognition and economic importance of the common species.* 4to. Melbourne. 1952. [Commonwealth Scientific and Industrial Research Organization, Australia.]

Rehn, James A. G. *The grasshoppers and locusts of Australia. Vol. 1. Tetrigidae and Eumastacidae.* 4to. Melbourne. 1952. [Commonwealth Scientific and Industrial Research Organization, Australia.]

Snodgrass, R. E. *A textbook of arthropod anatomy.* 8vo. Ithaca, N.Y. 1952. [The Author.]

Stidston, S. T. *A list of the Lepidoptera of Devon. Part 1 and introduction.* 8vo. Torquay. 1953. [The Author.]

In addition, separates were presented by the Anti-Locust Research Centre; Dr. A. J. Hesse; Dr. D. S. Kettle; Mr. A. L. Capener; Mr. H. E. Box; Professor P. A. Buxton, C.M.G., F.R.S.; Dr. A. R. Hill; Mrs. L. C. Blair; Dr. B. P. Beirne; Mr. J. E. Marson; Director of Agriculture, British Guiana; and Mr. M. Niblett.

NOTICES

In addition to the *Transactions and Proceedings* (Series A, B and C), the following publications are available on application at the Society's rooms :—

THE GENERIC NAMES OF BRITISH INSECTS, WITH CHECK LISTS OF THE SPECIES, prepared by the Committee on Generic Nomenclature of the Royal Entomological Society of London, with the assistance of the Department of Entomology of the British Museum (Natural History) :—

Part 1. Recommendations relating to the publication of the Committee's Reports								Price	6d.
"	2.	Rhopalocera	..	..	..	..	..	..	3s. 6d.
"	3.	Odonata	..	..	..	..	..	..	3s. 6d.
"	4.	Neuroptera	..	..	..	..	..	..	3s. 6d.
"	5.	Hymenoptera Aculeata	..	..	..	..	..	..	15s. 0d.
"	6.	Coleoptera Carabidae	..	..	..	..	..	..	10s. 0d.
"	7.	Coleoptera Hydradephaga	..	..	..	..	..	..	5s. 0d.
"	8.	Hemiptera Heteroptera	..	..	..	..	..	..	39s. 0d.
"	9.	Coleoptera Staphylinidae	..	..	..	..	..	..	40s. 0d.

HANDBOOKS FOR THE IDENTIFICATION OF BRITISH INSECTS.

The Society has undertaken the issue of a series of publications intended to provide illustrated Keys to the whole of the British Insect Fauna so far as this is possible.

It is proposed to cover this field in a series of ten volumes, arranged as follows :—

I. Part 1. General Introduction.	Part 9. Ephemeroptera.†
" 2. Thysanura.	" 10. Odonata.†
" 3. Protura.	" 11. Thysanoptera.*
" 4. Collembola.*	" 12. Neuroptera.
" 5. Dermaptera and Orthoptera.†	" 13. Mecoptera.
" 6. Plecoptera.†	" 14. Trichoptera.
" 7. Psocoptera.*	" 15. Strepsiptera.
" 8. Anoplura.	" 16. Siphonaptera.
II. Hemiptera.*	III. Lepidoptera.
VI. Hymenoptera : Symphyta* and Aculeata.*	IV and V. Coleoptera.*
VII. Hymenoptera : Ichneumonidea.*	
VIII. Hymenoptera : Cynipoidea, Chalcidoidea and Serphoidea.	
IX. Diptera : Nematocera† and Brachycera.	X. Diptera : Cyclorrhapha.*

The following parts are now available :—

Vol. I, Part 5. Dermaptera and Orthoptera.	By W. D. Hincks.	Price 3s. 6d. plus postage.
Vol. I, Part 6. Plecoptera.	By D. E. Kimmins.	Price 3s. 6d. plus postage.
Vol. I, Part 9. Ephemeroptera.	By D. E. Kimmins.	Price 3s. 6d. plus postage.
Vol. I, Part 10. Odonata.	By F. C. Fraser.	Price 7s. 6d. plus postage.
Vol. V, Part 12. Coleoptera : Cerambycidae.	By E. A. J. Duffy.	Price 3s. 6d. plus postage.
Vol. VI, Part 2a. Hymenoptera : Symphyta (part).	By R. B. Benson.	Price 10s. 6d. plus postage.
Vol. VI, Part 2b. Hymenoptera : Symphyta (contd.).	By R. B. Benson.	Price 15s. 0d. plus postage.
Vol. IX, Part 1. Diptera : Introduction and Key to Families.	By H. Oldroyd.	Price 7s. 6d. plus postage.
Vol. IX, Part 2. Diptera, Nematocera : Families TIPULIDAE to CHIRONOMIDAE.	By R. L. Coe, Paul Freeman and P. F. Mattingly.	Price 20s. 0d. plus postage.

Parts marked † are on sale or in the press, those marked * in preparation.

Orders for the complete series or for separate parts can be placed with the Registrar at the Society's rooms now, but prices can only be quoted for those parts already issued.

Fellows of the Society may purchase one copy at a discount of 25 per cent. ; additional copies at the full published price.

STYLOPS, a Journal of Taxonomic Entomology.

1932-1935. Vols. 1-4 (all issued). Price £1 16s. 0d. each ; to Fellows £1 7s. 0d.

ABSTRACT OF PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. 1935. Nos. 1-6 (all issued). 3s. 0d.

HUBNER : A BIBLIOGRAPHICAL AND SYSTEMATIC ACCOUNT OF THE ENTOMOLOGICAL WORKS OF JACOB HUBNER AND THE SUPPLEMENTS THERETO. In 2 vols. By Francis Hemming. Price : Vol. 1. 605 pp. £1 15s. 0d. ; Vol. 2. 275 pp. 15s. 0d.

THE HISTORY OF THE ENTOMOLOGICAL SOCIETY OF LONDON, 1833-1933. By S. A. Neave, assisted by F. J. Griffin. Price 10s. 6d.

SERIAL PUBLICATIONS IN THE LIBRARY OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. 1951. Price 5s. 0d.

Published by THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON and sold at its rooms, 41, Queen's Gate, S.W. 7, price 1s. 0d.